FIG 1

```
IF FPD_flag=TRUE
THEN    IF end_of_frame(P-cell)
            THEN FPD_flag=FALSE
            discard_cell(P_cell)
ELSE    IF PPD_flag=TRUE
            THEN IF end_of_frame(P_cell)
                    THEN append_cell(P_cell)
                        PPD_flag=FALSE
                    ELSE discard_cell(P_cell)
            ELSE    decide_cell(P_cell)
```

FIG 2A

```
IF    (CLP=0)                        //comment: unmarked frame
THEN  IF    (first cell of frame)        // e.g. Current_frame_length=0
      THEN IF    (Logical_queue_length>S_PPD_0-MFS)OR
                 [(Logical_queue_length>S_EPD_0)AND
                 (Buffer_check_0=TRUE)]
           THEN discard_cell(P_cell)
                IF    end_of_frame(P_cell)=FALSE
                THEN FPD_flag=TRUE
           ELSE append_cell(P_cell)

      IF    (subsequent cell of frame) //e.g. Current_frame_length >0
      THEN IF    end_of_frame(P_cell)
           THEN append_cell(P_cell)
           ELSE IF    (Logical_queue_length≥S_PPD_0-1)OR
                      [(Logical_queue_length>S_EPD_0)AND
                      (Buffer_check_0=TRUE)]OR
                      (Current_frame_length>MFS-1)
                THEN discard_cell(P_cell)
                     IF    remove_last_frame
                     THEN FPD_flag=TRUE
                     ELSE PPD_flag=TRUE
                ELSE append_cell(P_cell)
```

FIG 2B

```
IF      (CLP=1)
THEN
        IF   (first cell of frame)          //e.g. Current_frame_length=0
        THEN IF   (Logical_queue_length≥S_PPD_1)OR
                  [(Logical_queue_length>S_EPD_1)AND
                  (Buffer_check_1=TRUE)]
             THEN discard_cell(P_cell)
                  IF   end_of_frame(P_cell)=FALSE
                  THEN FPD_flag=TRUE
             ELSE append_cell(P_cell)

        IF   (subsequent cell of frame) //e.g. Current_frame_length>0
        THEN IF   end_of_frame(P_cell)
             THEN append_cell(P_cell)
             ELSE IF   (Logical_queue_length≥S_PPD_1-1)OR
                       [(Logical_queue_length>S_EPD_1)OR
                       (Buffer_check_1=TRUE)]OR
                       (Current_frame_length>MFS-1)
                  THEN discard_cell(P_cell)
                       IF   remove_last_frame
                       THEN FPD_flag=TRUE
                       ELSE PPD_flag=TRUE
                  ELSE append_cell(P_cell)
```

//comment: marked frame